

SIMKOVIC, D.; VALENTOVA, Nada; THURZO, V.

In vitro cultivation of rat sarcoma XC cells containing Rous virus.  
Folia biol. 8 no.4:221-229 '62.

1. Institute of Oncological Research Bratislava.  
    (SARCOMA experimental)      (VIRUSES)  
    (NEOPLASMS experimental)

HUPKA, S.; THURZO, V.

Turbidimetric investigations on changes occurring in the mixture of histone isolated from calf thymus and serum albumin. Neoplasma 8 no.5:477-482 '61.

1. Institute of Oncological Research, Bratislava, Czechoslovakia.  
(HISTONES chem) (THYMUS GLAND extracts)  
(SERUM ALBUMIN chem)

SIMKOVIC, D.; SMIDA, J.; THURZO, V.

On the release of chick tumour viruses by cells in vitro. Neoplasma  
9 no.1:9-24 '62.

1. Oncological Research Institute, Bratislava, CSSR.

(NEOPLASMS virol) (VIRUSES culture)

SIMKOVIC, D.; VALENTOVA, N.; THURZO, V.

An in vitro system for the detection of the Rous sarcoma virus in the cells of the rat tumour XC. Neoplasma 9 no.1:104-106 '62.

(SARCOMA virol) (NEOPLASMS virol) (TISSUE CULTURE)

THURZO, V.; WINKLER, A.; SANDOR, L'.

The development of experimental oncology in Czechoslovakia. Neoplasma  
9 no.3:239-252 '62.

1. Oncological Research Institute, Bratislava, CSSR.  
(NEOPLASMS experimental)

*\*Director*

SMIDOVA, V.; THURZO, V.

Pock formation in the chorioallantoic membranes of duck embryo  
induced by chick tumour viruses. Neoplasma (Bratisl.) 11 no.3:  
320-323 '64

1. Oncological Research Institute, Bratislava, Czechoslovakia.

THURZO, V.; SMIDA, J.

Induction of sarcoma in ducks by the fowl tumour virus.  
Neoplasma 10 no.4:445-447 '63.

1. Institute of Cancer Research, Bratislava, CSSR.  
(TUMOR VIRUSES) (SARCOMA, EXPERIMENTAL)  
(ROUS SARCOMA VIRUS)

~~THURZO, V.~~  
~~DITTOVA~~

2

CZECHOSLOVAKIA

F. SVEC, E. HLAVAYOVA and V. DITTERTOVA, Oncology Research Institute (Vyskumny ustav onkologicky) Chief (reditel) Docent Dr. V. THURZO, and Department of Pharmacodynamics, Chemistry Institute of the Slovak Academy of Sciences, Czechoslovak Academy of Sciences (Oddelenie farmakodynamiky Chemickeho ustavu SAV - CSAV) Head (prednosta) F. SELECKY MII, CSc, Bratislava.

"Pharmacology and Toxicology of 6-Azauracil Riboside."

Prague, Casopis Lekaru Ceskych, Vol 102, No 19, 10 May 63; pp 505-511.

Abstract [English summary modified] : Comprehensive studies in rats, rabbits and cats: urinary levels after 0.1 and 1 Gm /Kg. i.v. in healthy and hepatic rats confirm that compound is degraded by liver; 0.1 Gm /Kg. did not affect respiration, BP or BP response to epinephrine in cats; slightly potentiated acetylcholine contraction of ileum; at 0.1 and 0.2 Gm /Kg. in cat heart-lung preparation it induces bradycardia and makes heart minute volume more susceptible to phenobarbital depression. Graph, 6 tables, 4 kymograms; 7 Western, 8 Czech & 1 Hungarian reference.

1/1



THURZO, V.; SMIDA, J. SMIDOVA, V.; SIMKOVIC, D.

Biological properties of fowl tumor virus B77. Bratisl. lek.  
listy 2 no. 12: 697-701 '63.

1. Vyskumny ustav onkologicky v Bratislave; riaditel, clen  
koresp. SAV, doc. MUDr. V. Thurzo.

\*

- THURZO, V.

On the problem of malignant transformation of tissues.  
Acta chir. orthop. traum. Cech. 32 no.3:209-213 Ja '65.

1. Vyskumny ustav onkologicky v Bratislave (riaditel doc.  
dr. V. Thurzo).

THURZOVA, M. (Bratislava, Mudronova 63)

Early diagnosis of tuberculosis in children. Lek.obzor 3 no.9:  
544-548 1954.

1. Z Krajskej detskej nemocnice v Bratislave.  
(TUBERCULOSIS, in infant and child.,  
diag., early)

BABA, I., prof.; THUT, L., dr.; GHIDRAI, Gh., dr.

Therapeutic aspects in pulp gangrene. Stomatologia (Bucur) 12  
no.1:1-7 Ja-F'65.

1. Lucrare efectuata in Clinica de stomatologie terapeutica,  
Institutul medico-farmaceutic, Cluj (Seful clinicii: prof.  
I. Baba).

KUDRYAVTSEV, N.T.; FIRGER, S.M.; THUTINA, K.M.

Cathodic polarization and structure of deposits in a simultaneous electrodeposition of zinc and nickel. Zhur. prikl. khim. 36 no.9:1974-1980 D '63. (MIRA 17:1)

**"APPROVED FOR RELEASE: 03/14/2001**

**CIA-RDP86-00513R001755520014-1**

**APPROVED FOR RELEASE: 03/14/2001**

**CIA-RDP86-00513R001755520014-1"**

TIABIN, N. V.

\*RT-47 (Motion of a sphere in a visco-plastic liquid dispersion system). Dvizhenie  
shara v viazko-plasticheskoi zhidkoi dispersnoi sisteme.  
Doklady Akademii Nauk SSSR, 88(1): 57-60, 1953.

TIABIN, N.V.

\*RT-890 (Flow of a visco-plastic dispersion system in a conical diffuser) Tehenie viazko-plasticheskoi disperanoi sistemy v konicheskom diffuzore.

SOVLADY AKADEMII NAUK SSSR, 92(1): 53-56, 1953.



TIAGI, Ya.D.

Embryological and anatomical studies of Cactaceae with reference to the position of the family in the system of angiospermous plants. Vest. Mosk. un. Ser. 6: Biol., pochv. 15 no.4:21-31 J1-Ag '60. (MIRA 13:10)

1. Kafedra vysshikh rasteniy Moskovskogo universiteta.  
(Cactus) (Botany--Classification)

TIAGI, Ya. D.

Anatomic investigation of the vascular equipment in flowers  
of some species of the families Orobanchaceae and  
Scrophulariaceae. Vest. Mosk. un. Ser. 6: Biol., pochv. 17  
no. 2: 29-52 Mr-ap '62. (MIRA 17:7)

1. Kafedra vysshikh rasteniy Moskovskogo universiteta.

TIAGUNENKO, IU.

"A method for the turbidimetric determination of bacterial suspensions in test tubes."

IZVESTIIA. SERIIA EKSPERIMENTALNA BIOLOGIIA I MEDITSINA, Sofia, Bulgaria, No. 2, 1957.

Monthly List of East European Accessions Index (EEAI), The Library of Congress, Volume 8, No. 8, August 1959.

Unclassified

KHADZHIDIMOVA. D., Ot dots.; KOICHEV; TIAGUNENKO, Iu.

Effect of ultraviolet rays on the titer of typhoid H agglutinins.  
Nauch.tr.ISUL, Sofia 2 no.3:95-114 1953.

1. Katedra po epidemiologija i mikrobiologija. Zav. katedrata: dots.  
D.Khadzhidimova, doktor po meditsinskite nauki. Katedra po fizio-  
terapija i durortologija. Nauchei rukovoditel': dots. Kircheva,  
kandidat po meditsinskite nauki.

(ANTIGENS AND ANTIBODIES,

typhoid antigens, eff. of ultraviolet irradiation of  
CNS on response in rabbits)

(TYPHOID FEVER, immunology,

antigenic response in rabbits after ultraviolet ir-  
radiation of CNS)

(CENTRAL NERVOUS SYSTEM, effect of radiations,

ultraviolet rays, eff. on typhoid antigenic response  
in rabbit)

(ULTRAVIOLET RAYS, effects,

on CNS, on typhoid antigenic response in rabbit)

TIAGLO, G.

"Methods for Conserving the Root Systems of Clover and Perennial Grass Mixtures for Research and Museum Purposes." p. 1109 (ZA SOCIALISTICKE ZEMEDELSTVI, Vol. 3, No. 10, Oct. 1953) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

TIAGLO, V.

"The Substance and Significance of the Soil Structure." p. 1250 (ZA SCCIALISTICKE ZEMEDELSTVI, Vol. 3, No. 11, Nov. 1953) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

TIAGUNENKO, I. U.; KALUCHEVA, I.

Electron-microscopic studies on ultrathin microbial sections. Suvrem  
med., Sofia no.7-8:69-75 '60.

(BACTERIA anat & histol)  
(MICROSCOPY ELECTRON)

TIAGUNENKO, IU.; PAPARKOVA, K.; KHRISTOVA, M.

Comparative studies on antibiotic sensitivity of cultures isolated from urine in 1956, 1957 and 1958. Suvrem med., Sofia no.11:88-98 '60.

1. Iz Katedrata po mikrobiologiya i virusologiya pri ISUL (Rukov. na katedrata prof. D.Khadzhidimova)  
(ANTIBIOTICS pharmacol)  
(URINE microbiol)



1ST AND 2ND COVERS										PROCESSES AND PROPERTIES INDEX										100 AND 6TH COVERS									
<p>BC</p> <p>B-3-1</p> <p>Reference of long cultivation and of a lucerne bed on the physico-chemical and microbiological properties of soil. M. G. Tsiang-Rindso (Fodology, 1959, No. 12, 46-54).—Physical properties of soil which had been under lucerne for 2 or 4 years were more favourable for crop growth than those of long-cultivated soil. There was a much greater and more varied microbiological activity in the lucerne soil. S. and F. (m)</p>																													
<p>ASB-51A METALLURGICAL LITERATURE CLASSIFICATION</p>																													
LEGEND SYMBOLS										SYMBOLS FOR ONLY ONE										SYMBOLS FOR ONLY ONE									
<p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30</p>										<p>31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60</p>										<p>61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90</p>									

BC

B-3-1

AIR SEA DETAILING LITERATURE CLASSIFICATION

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M. O. Tegel  
atomometer is  
S. and F. (m)

COMMON ELEMENTS

COMMON VARIABLE MOIS

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

SIGN BOWING

TIAGUNOV, G. A.

Electronic apparatuses 2. seria. Leningrad, Gos. energ. izd-vo, 1949. 13(i. e. 10)  
pl. (51-26277)

TK7870.T5

TIAGUNOV, G. A.

Ion vacuum tube devices; tables Leningrad, Gos. rauchno-tekhn. energ. izd-vo,  
1950. 18 (i. e. 13) pl. (51-35469)

TK7872.V3T53 1950

vacuum tubes  
Vacuum-tubes; drawings for schools Leningrad, Gos. energ. izd-vo, 1948.  
11(i. e. 9) pl. (51-26278)

TK7872.V3T49

TIAGUNOV, G. A.

Ion vacuum tube devices; tables Leningrad, Gos. nauchno-tekhn. energ. izd-vo,  
1950. 18 (i. e. 13) pl. (51-35469)

TK7872.V3T53 1950

TIAGUNOV, G. A.

Vacuum-tube devices Moskva, Gos. energ. izd-vo, 1949. 340 p. (49-54265)

TK7872.V3T5



TIAGUNOV, G. A., ed.

Electronic and ionic fixtures 4 izd. perer. Moskva, Gos. energ. izd-vo. 1952. 336. :.  
(54-23403)

TK7872.V3S5 1952

TIAGUNOV, G. A.

Vacuum-tubes; drawings for schools Leningrad, Gos. energ. izd-vo, 1948. 11 (i. e. 9)  
pl. (51-26278)

TK7872.V3T49

TIAGUNOV, V. A.

Ratsional'naia kalibrovka listovykh stanov. Moskva, Metallurgizdat, 1944.  
194, 2 p. diags.

Bibliography: p. 194-195

Rational calibration of sheet rolling mills.

DLC: TS250.T55

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of  
Congress, 1953.

TLACUNOV, V. A.

Efficient calibration in sheet-metal rolling - mills Moskva, Gos, nauchno-tekhn. izd-vo  
lit-ry po chernoi i tsvetnoi metallurgii, 1944. 194 p. (50-54207)

TS250.T55

TIANNVI, I.

DIMENSIONING CONCRETES IN VIEW OF PROTECTION AGAINST RADIOACTIVITY.

p 139 (MELYEPITESTUDOMANYI SZEMLE) BUDAPEST, HUNGARY VOL. 7 NO 4 APR 1957

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (AEEI) VOL. 6 NO 11 NOVEMBER 1957

TTAKHEPYLD, L. Ya., ZALESKAYA, Yu. M., MARTINSON, E.E. (USSR).

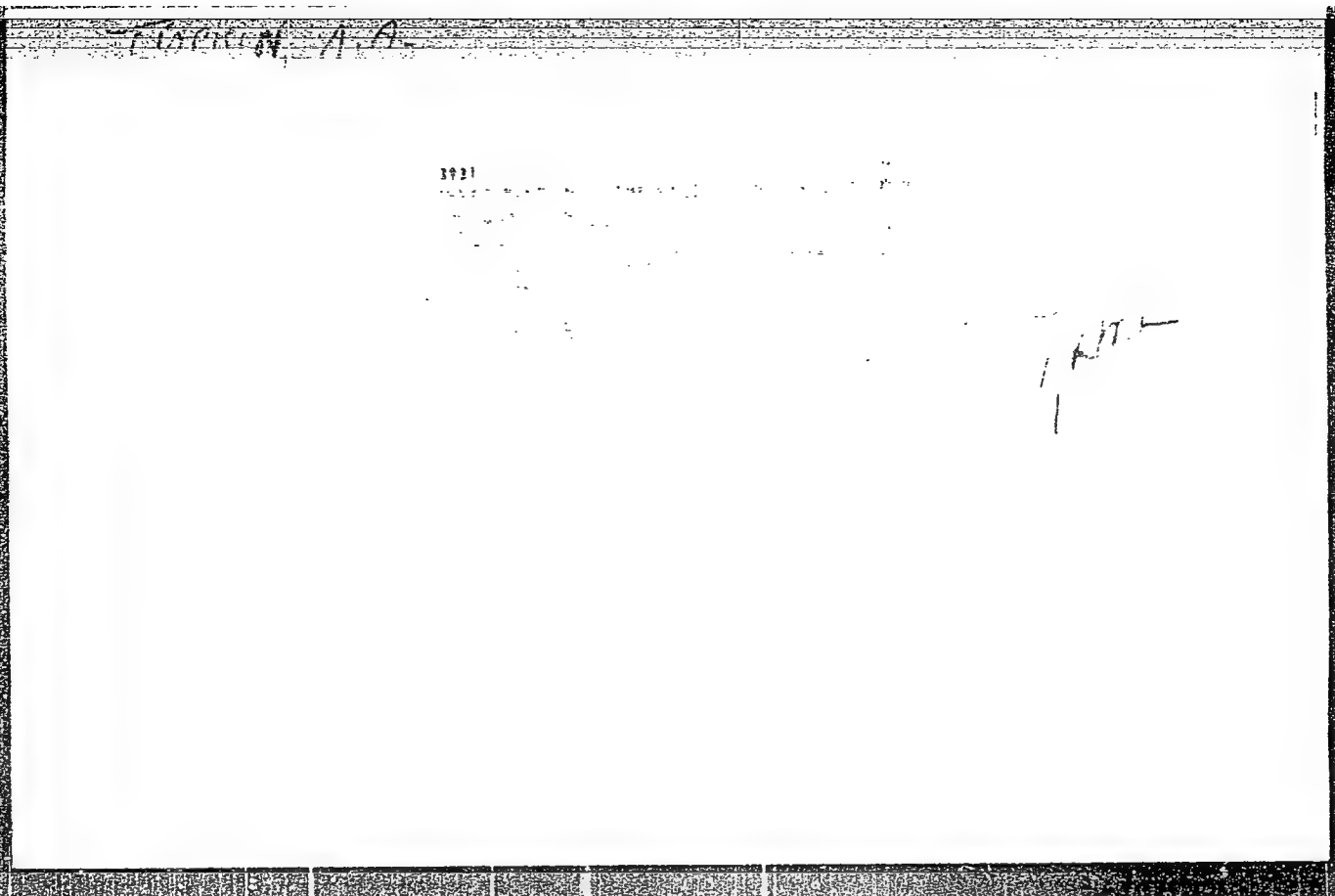
Disturbance of Glutamine Synthesis and the Amidation of Brain Proteins in Vitamin C Deficiency.

report presented at the 5th Int'l.  
Biochemistry Congress, Moscow, 10-16 Aug. 1961

*Transcribed*

USSR

8382 Formation of  $\pi^0$  Mesons by Protons With Energy of  
670 MEV. in the Nuclei of Various Elements. (Mosc. Univ.  
\*meritov, protonov, ... M





*MARKIN, A. A.*

3953

ABSORPTION OF RADIATION OF 500 M<sup>e</sup>v MEAN ENERGY  
IN LEAD, COPPER AND ALUMINUM *S. D. KOSOV, M.*

*IN DISCUSSION, AND A. A. MARKIN*

*1953*

*5-1-RMK*  
*1*

TIAPKIN, K.F.

Determining the vertical coordinates of the center of gravity of two-dimensional objects from the results of gravitational observations. Dop. AN URSR no. 4:441-444 '60, (MIRA B:7)

1. Dnepropetrovskiy gornyy institut. Predstavleno akademikom AN USSR V.G. Bondarchukom [V.H. Bondarchukom].  
(Center of mass)

TIAPKIN, Yu. D.

Battelle Technical Review  
July 1954  
Metals-Metallography,  
Transformations, and Structures

10195\* Stabilization Phenomenon During Reverse Martensitic Transformation. (Russian.) In: M. Golovchiner and Yu. D. Tiapkin. Doklady Akademii Nauk SSSR, v. 93, no. 1, Nov. 1, 1953, p. 33-42.

Stabilization effect of a phase. Investigates annealing of Ni-Fe and Ni-Ti-Fe alloys at 1100 C for 4 hr., then cooling to -196C in liquid N. Graphs. 7 ref.

CA

2

Structure of primary films of oxide and bromide on silver. V. V. Tlapkina and P. D. Dankov. *Compt. rend. acad. sci. U.S.S.R.* 94, 415-18(1966) (in English).—  
A Ag<sub>2</sub>O film, prep'd. by treating Ag on the anode of a gas-discharge tube to obtain the desired thickness, had a cuprate-type structure with  $a = 4.60 \text{ \AA}$ , the same as massive Ag<sub>2</sub>O. The x-ray diffraction pattern, however, was weak and strongly lagged owing to the deformation of the crystal lattice caused by deviations from crystallochem. conformity, which is more than 15% for Ag-Ag<sub>2</sub>O. A AgBr film, obtained by immersing Ag in Br vapor, had a NaCl structure with  $a = 3.74 \text{ \AA}$ , similar to massive AgBr. The diffraction pattern was sharp because the deviation from crystallochem. conformity is nearly zero for Ag-AgBr.  
Weldon N. Baker

ASS-ILA METALLURGICAL LITERATURE CLASSIFICATION

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*M*

PROCESSES AND PROPERTIES INDEX

\*Structure of Primary Films of Oxide and Bromide on Silver. V. Y. Tiaphina  
and P. D. Dankov (*Compt. rend. (Doklady) Acad. Sci. U.R.S.S.*, 1946, **84**,  
(5), 415-418).—[In English]. X-ray examinations of oxide films formed  
on silver specimens used as anodes in a discharge tube, and of bromide films  
formed on immersion of silver into bromine vapour, showed that the structure of  
the former is of the cuprite type with a cubic lattice constant ( $a = 4.60 \text{ Å}$ ), and  
that the structure of the latter is of the rock-salt type ( $a = 5.76 \text{ Å}$ ).—V. K.

*L*

C.C. CHEN, L. C. CHEN

A.S.M.-S.E.A. METALLURGICAL LITERATURE CLASSIFICATION

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REF ID: A68097

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**Structure of primary films of oxide and bromide of silver.**

Tsvetkov, Y. V., also Danov, P. D. *C.R. Acad. Sci. USSR*, 64 (No. 3) 415-18 (1966).—An electron diffraction analysis of the oxide film, prepared by oxidation in a gas discharge, shows that the oxide is a structure of cuprous type with a cubic lattice constant,  $a = 4.40 \text{ \AA}$ . For the bromide film, the cubic lattice constant is  $a = 3.76 \text{ \AA}$ . Figures of the diffraction patterns are given. That for the bromide is sharp, but the pattern for the oxide shows appreciable fog, which is associated with irregular scattering of electrons from irregularly formed elements of the film structure. L. S. U.

MIN-SEA METALLURGICAL LITERATURE CLASSIFICATION

ROOM SYNOBOL      ROOM NO. AND DATE      SUBMITTER'S NAME      SUBMITTER'S ADDRESS

101000 - 4      020200 MAP ONLY USE      031127 OMC      031127 OMC ONLY USE

MA NA MO AS    N W DE SE    H K CL NE NW SE IE ME    ZA AN J S M G W M S G S V K

BC

Technique of measuring swelling. T. P. Tla-  
shova (Kolloid. Zhur., 1935, 1, No. 1, 91-95).—  
An apparatus is described. J. J. B.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

*[Handwritten "BC" in top left corner]*

*A-1*

PROCESSING AND PROPERTIES INDEX

Polyacetylene compounds method of synthesis  
of chloroacetylene salt. III. Formation of ferric  
hydroxide salt in the presence of citric acid.  
A. DUBINSKIY and T. P. KASHELOVA (J. Russ. Phys.  
Chem. Soc., 1958, 60, no. 10, p. 1700; Zh. Fiz. Khim.,  
1958, 32, 1700). -- Acetate-chloride complexed compounds of  
ferric hydroxide are formed from ferric chloride in  
the presence of acetic anhydride. The final product  
is a complex of ferric hydroxide with acetate chloride,  
which reacts with sodium chloride to yield the salt.  
The complex appears within limits of measurements  
of electrical conductivity and of the p. lowering,  
to be identical with ferric trichloroacetate nitrate,  
the iron being in the +3 state. Measurements of the  
absorption spectrum strongly differentiate solutions  
of the complex from those of the salt obtained by  
adding another alkali. Series of alkali produces  
precipitation of the salt. Salt formed in the presence  
of citric acid was less stable than one formed in  
tartaric acid solution. R. TERNOSKOVIK.

GENERAL LITERATURE CLASSIFICATION

EDMUND STEINERMAN      EDWARD SCHWARTZ

SOURCE \*A      SOURCE HLP QNV OUT      SOURCE HLP QNV OUT      SOURCE HLP QNV OUT

O M A N H Z S I J K L M N O P Q R S T U V W X Y Z



VICZIAN, Bruno, dr.; TIASZVARI, Otto, dr.

Experiences of the two-product manufacturing scheme. Cukor  
11 no.9:226-228 S'58

TIAYN, S.

Some articles manufactured in school workshops. Politekh.  
obuch. no.1:88-89, 27-31 of supplement Ja '59. (MIRA 12:2)

1. Srednyaya shkola No.626, Moskva.  
(Woodwork (Manual training))

AUTHOR: Tiayn, S., Engineer SOV/29-59-3-12/23

TITLE: Over the Water on Wings (Po vode na kryl'yakh)

PERIODICAL: Tekhnika molodezhi, 1959, Nr 3, pp 26 - 27 (USSR)

ABSTRACT: In this article Sergey Aleksandrovich Tiayn reports on the construction of a boat on wings. He conceived the idea of building such a boat due to the success of the motor-boat "Raketa". Great difficulties were connected with his first attempts since there were no data available in publications on the calculation of wings. Therefore he applied to the TsKB Ministerstvo sudostroyeniya (Ministry of Ship-Building), which assisted him in the calculations and in the choice of construction. The author used an outboard motor of the "Moskva" type (10 HP) and a hull according to the half-gliding type of the boat "Mir", which was constructed by Engineer E. E. Kloss. The hull has a length of 3 m and a width of 1.15 m; the wave breaker is 265 mm high. The height of the latter was somewhat reduced for the installation of the screw. The three front rib fields were covered with the upper deck, the three rear rib fields have a cover and serve as luggage space, within

Card 1/3

over the Water on Wings

SOV/29-59-3-12/23

the three rib fields there are seats for three passengers. The windshield is made of organic glass and can be detached. For the accurate calculation of the wings and their mounting point the designer must know the center of gravity of the boat at full load. The wings have a segmental profile - the upper surface is cylindrically curved, while the lower one is plane. The angle of sweepback is 6% with respect to the chord. Normal operation of the wings is only secured if a water layer of at least 50 mm is above them. When the boat rises on the wings, a spacing of about 60 mm is left between the boat and the water level. The boat is controlled by means of a steering mechanism which is connected with the motor by ropes. Remote control is required because of frequent changes of speed. The trial runs were made on the Oka River, near the town of Kashir. After a number of experiments the designer succeeded in finding the optimum position of the wings. The fact that no waves are seen any longer besides the boat indicates first that the boat glides on the wings. The second sign is a characteristic resonance sound resulting from hull vibrations. In spite of all difficulties and deficiencies of the construction of wings, it was possible to attain a top

Card 2/3

Over the Water on Wings

SCV/29-59-3-12/23

speed of 40 km/h. The author believes that the new construction will raise much interest. It would be only desirable that the authorities concerned take an interest in the boat since without their help this kind of sport would have only a poor chance. The reason is that it is very difficult to get the material necessary for such boats. In conclusion, the editors of the periodical "Tekhnika - molodozhi" remark that designs and instructions for building a boat of the "Mir" type are available at the Tsentral'nyy morskoy klub DOSAAF (Central Aquatic Sports Club DOSAAF) Pushino, Moscow oblast', Passage DOSAAF, Nr 6. There are 2 figures and 1 table.

Card 3/3

THAZHEL'NIKOV, S. D.

Vegetable gardening    Novosibirsk    N<sub>ovosibirskoe</sub>    obl. gos. izd-vo, 1949. 198 p.

HAJDU, Laszlo, dr.; TIBAL, Miklós, dr.

Our experiences with the management of median episiotomy and complete perineal rupture, Magy. orv. lap. 27 no. 1: 29-32 J '64.

1. A Fővárosi Bajcsy-Zsilinszky Kórház (Igazgató: Mester Endre dr. kandidátus) Szülészeti és Szülészeti Osztályának (Főorvos: Bereznay István dr.) közleménye.

\*

TISHCHENKO, A.I., inzh., red.; TIBASHEV, A.I., inzh., red.; BOBROVA,  
Ye.N., tekhn. red.

[New trends in the design and operation of electric and diesel  
locomotives] Novoe v ustroistve i soderzhanii elektrovozov i  
teplovozov. Moskva, Transzheldorizdat, 1962. 210 p.

(MIRA 15:7)

(Electric locomotives) (Diesel locomotives)



VLASOVA, K.V., inzh.; TIBABSEV, A.I., inzh., red.; BOBROVA, Ye.N.,  
tekhn.red.

[Striving for the best industrial organization of diesel  
locomotive maintenance and repair; practices of the Liski  
Depot] . V bor'be za industrial'nuiu kul'turu remonta teplo-  
vozov; opyt depo Liski. Moskva, Vses.izdatel'sko-poligr.  
ob"edinenie M-vs putei soobshcheniia, 1960. 176 p.

(MIRA 14:4)

(Liski--Diesel locomotives--Maintenance and repair)

TIRABSHEV, A. I.

PARSHIN, Aleksandr Vasil'yevich, inzhener; GOLUBKOV, Leonid Ivanovich;  
TIRABSHEV, A.I., inzhener, redaktor; VERINA, G.P. tekhnicheskii  
redaktor.

[Highly efficient poperation of locomotives; the practices of  
the Kagan Depot on the Ashkhabad railroad] Vysokoproizvoditel'noe  
ispol'zovanie teplovozov; opyt depo Kagan Ashkhabadskoi dorogi.  
Moskva, Gos.transp.shel-dor.izd-vo, 1957. 36 p. (MIRA 10:6)

1. Nachal'nik teplovoznogo depo Kagan Ashkhabadskoy dorogi (for Parshin)
2. Starshiy dispatcher otdeleniya Ashkhabadskoy dorogi (for Golubkov)  
(Locomotives)

TIBABSHEV, A.I.

MEZHETSKIY, B.V.; TIBABSHEV, A.I.

Construction, repair, and testing of remote-control thermometers.  
Elek. i tepl. tiaga 2 no.2:42-43 P '58. (MIRA 11:4)  
(Thermometers) (Diesel locomotives)

BOL'SHAKOVA, Lyudmila Mikhaylovna; MODESTOV, Yevgeniy Nikolayevich;  
TIBABSEV, A.I., inzh., red.; VERINA, G.P., tekhn.red.

[Equipment for use in the maintenance and servicing of  
locomotives and electric locomotives] Ustroistva dlia  
ekipirovki teplovozov i elektrovozov. Moskva, Gos.transp.  
shel-dor.izd-vo, 1959. 316 p. (MIRA 12:7)  
(Locomotives)

TIBANOV, F.V.; VASIL'YEV, A.F.; KOGAN, I.M.; BURMAKIN, N.M.

Quantitative analysis of products of exhaustive chlorination of pentanes based on infrared spectra. Zav. lab. 31 no.2:172-176 '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh sredstv zashchity rasteniy.

KABENIN, Nikolay Grigor'yevich, kand. tekhn. nauk; STETSENKO, Yevgeniy Grigor'yevich, kand. tekhn. nauk; ALAD'IN, G.P., inzh., retsen-zent; TIBAL'SHEV, A.I., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Maintenance and inspection of locomotive trucks] Remont i pro-verki parovoznykh telepek. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 133 p.

(MIRA 14:8)

(Locomotives—Maintenance and repair)

TIBASHEV, A.I., inzh.; SOBAKIN, V.V., inzh., red.; USENKO, L.A., tekhn.  
red.

[Locomotive engineers as innovators] Novatory mashinisty parovozov; sbornik statei. Moskva, Vses. izdatel'sko-poligraf. ob"edinenie M-va putei soobshcheniia, 1961. 134 p. (MIRA 14:8)  
(Locomotive engineers)

SHAROYKO, Pavel Mikhaylovich, prof.; SEREDA, Vasiliy Trofimovich, prof.;  
TIBAJSHEV, A.I., inzh., red.; USENKO, L.A., tekhn. red.

[Hydraulic transmissions of diesel locomotives] Gidravlicheskie  
peredachi teplovozov. Moskva, Transzheldorizdat, 1963. 173 p.  
(MIRA 16:4)

(Diesel locomotives--Hydraulic drive)



7. TIBASHEV, A.I.

KAMENEV, Nikolay Nikolayevich; BARKHATNYI, Viktor Dmitriyevich; ~~TIBASHEV~~,  
~~A.I.~~ inzhener, redaktor; BOBROVA, Ye.N., tekhnicheskii redaktor.

[Locomotive maintenance; the practices of leading engineers] Ukhod za  
parovozem; iz opyta peredovykh mashinistov. Moskva, Gos.transp.shel-  
der.izd-vo, 1957. 56 p. (MLRA 10:4)  
(Locomotives--Repairs)

POROYKOV, Nikolay Nikolayevich, inzh.; TIBABSHEV, Aleksandr Illarionovich, inzh.; MAMCHENKO, V.P., inzh., red.; VERINA, G.P., tekhn.red.

[Diesel locomotive servicing by shift crews; practices of roundhouses of the Kazakhstan railroad in Ural'sk and Kazalinsk] Obsluzhivanie teplovozov smennymi brigadami; iz opyta depo Ural'sk i Kazalinsk Kazakhskoi dorogi. Moskva, Gos.transp. zhel-dor.izd-vo, 1959. 61 p. (MIRA 13:1)  
(Kazakhstan--Diesel locomotives--Maintenance and repair)

YEVDOKIMOV, I.I.; ALEKSEYEV, V.D.; ASHIKHMIN, A.K.; BAYEV, N.V.; BEGLAR'YAN, P.A.; BYCHKOV, I.A.; VESLOVA, Ye.T.; VYZHEKHOVSKAYA, M.P.; GURETSKIY, S.A.; DEMIDOV, I.M.; YESIPOV, Ye.P.; ZHUKOV, V.D.; ZELINSKIY, M.G.; ZOL'NIKOV, P.T.; ZOLOTOVA, L.I.; KIVIN, A.N.; KOMARNITSKIY, Yu.A.; KONSTANTINOV, A.N.; KUL'CHITSKAYA, A.K.; MAKSIMENKO, I.I.; MELENT'YEV, A.A.; MOROZOV, I.G.; MURZINOV, M.I.; OZEMBLOVSKIY, Ch.S.; OSTRYAKOV, K.I.; PANINA, A.A.; PAVLOVSKIY, V.V.; PERMINOV, A.S.; PERSHIN, B.F.; PRONIN, S.F.; PSHENNYI, A.I.; POKROVSKIY, M.I.; RASPONOMAREV, Ye.A.; SEMIN, I.N.; SKLYAROV, Yu.N.; TIBARDSHEV, A.I.; FARBEROV, Ye.D.; FEDOROV, G.P.; SHUL'GIN, Ye.S.; YAKIMOV, I.A.; VERINA, G.P., tekhn.red.

[Labor feats of railway workers; stories about the innovators]  
Trudovye podvigi zheleznodorozhnikov; rasskazy o novatorakh. Moskva,  
Gos.transp.zhel-dor.izd-vo, 1959. 267 p. (MIRA 12:9)  
(Railroads) (Socialist competition)

TSERENYA, N.; KUZNETSOV, V. (Kimry, Kalininskaya oblast'); KARYAZHKIN, M. (Moskovskaya oblast'); ZHUKOV, N. (Khar'kov); ZOZULYA, V. (Khar'kov); ZENKIN, A. (Vladimirskaia oblast'); TIBARSHEV, I. (Popasnaya, Luganskaya oblast'); NASSONOV, V. (Chelyabinsk); SEREBROV, A. (Artemovsk, Krasnoyarskiy kray)

Our readers' letters. Pozh.delo 4 no.8:24-25 Ag '58. (MIRA 11:9)

1. Redaktor stennoy gazety "Za protivopozharnuyu profilaktiku," Sverdlovsk (for TSerenya).

(Fire prevention)

TISAR, N.

Issledovanie propusknoi sposobnosti nezatoplenogo vodosliwa s shirokim porogom.

Tallin, Estonia, Izd-vo Tallinskogo Politekhnicheskogo instituta, 1957. 34 p.

Monthly List of East European Accessions (LEA) LC, Vol. 9, no.2, Feb. 1960.  
Uncl.

✓  
TIBAR, Kh. A., Cand Tech Sci -- (diss) "Study of the  
~~permeable~~ capacity of non-submerged weirs with a wide  
~~rapid.~~  
*diffle.*  
~~rapid.~~" Len, 1957. 15 pp with diagrams. (Min of Higher  
Education USSR. Len Polytechnic Inst im M.I. Kalinin.  
Chair of Hydraulic Engineering). 150 copies.  
(KL, 12-58, 99)

-50-

SOV/124-58-8-8803 D

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 67 (USSR)

AUTHOR: Tibar, Kh.A.

TITLE: An Investigation of the Discharge Capacity of an Unsubmerged Broad-crested Weir (Issledovaniye propusknoy sposobnosti nezatoplenogo vodosliva s shirokim porogom)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Leningr. politekhn. in-t (Leningrad Polytechnic Institute), Leningrad, 1957

ASSOCIATION: Leningr. politekhn. in-t (Leningrad Polytechnic Institute)  
Leningrad

Card 1/1

SOV/124-58-8-8779

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 64 (USSR)

AUTHOR: Tibar, Kh.A.

TITLE: Investigating the Discharge Capacity of an Unsubmerged Broad-crested Weir (Issledovaniye propusknoy sposobnosti nezatoplenogo vodosliva s shirokim porogom)

PERIODICAL: Tr. Tallinsk. Politekh. in-ta, 1957, Vol A, Nr 110, 36 pp, ill.

ABSTRACT: On the basis of experiments conducted by the author, and by D.I. Kumin, A.R. Berezinskiy, and others, the following means are recommended for determining the flow rate  $m = f(H)$  over a weir having a broad crest. For a weir having a rounded horizontal intake-notch edge (with a radius of the rounding circle  $r$ ), there being no lateral contraction,  $m = \eta_s m_n$ , wherein  $m_n$  is the flow rate through a weir having a rectangular intake notch, which flow rate is determined by means of the theoretical formula of M.D. Chertousov (the author mentions that the results obtained with the Chertousov formula agree well with those obtained with the Berezinskiy and Kumin formulae), and  $\eta_s$  in the expression above is the coefficient of rounding,

Card 1/3



SOV/124-58-8-8779

Investigating the Discharge Capacity of an Unsubmerged (cont.)

which is determined with the author's formula

$$\eta_s = 1 + \frac{p/H}{1+p/H} \sqrt{\frac{0.15 r_1 / H}{1+2.4 r_1 / H}}$$

For a weir having a crest of zero height ( $p=0$ ) and rectangular vertical intake edges  $m=km_n$ , where

$$k = 1 + 0.1 (1-\beta) - (0.06 + 0.1 \beta) \sqrt{\frac{H/b}{1+H/b}}$$

$\beta = b/B$ , and  $b$  is the width of the notch. For a weir having a crest of zero height and rounded vertical intake ends,  $m = \eta_\beta m_n$ , where

$$\eta_\beta = 1 + (0.3 - 0.27\beta) \left[ 1 - \sqrt{\frac{1+5 r_2 / b}{1+30 r_2 / b}} \right]$$

For a weir having rounded intake-notch edges, in the presence of vertical and lateral contraction

$$m = \eta m_n$$

Card 2/3

SOV/124-58-8-8779

Investigating the Discharge Capacity of an Unsubmerged (cont.)

For  $\eta$  the author adopts the smaller of the two values determined with the formulae

$$\eta = \eta_0 + \frac{1}{1 + p/H} (\eta_\beta - 1)$$

$$\eta = \eta_\beta + \beta (\eta_0 - 1)$$

Tables of experimental data are not included with the article.

A.R. Berezinskiy

Card 3/3

TIBATIN, N.P.

Strengthen the control of seed transportation. Zashch. rast. ot  
vred. i bol. 4 no.5:47-48/8-0 '59. (MIRA 16:1)

1. Nachal'nik Kuybyshevskoy karantinnoy inspeksii.  
(Plant quarantine) (Sunflowers)

TIBAYKIN, M., tekhnik.

Using straw-and-brushwood panels in construction on collective farms.  
Sel'. stroi. 12 no.8:11-14 Ag '57. (MLRA 10:9)

1. Otdel po stroitel'stvu v kolkhozakh Chkalovskogo rayona Chuvash-  
skoy ASSR.

(Building materials)

5.3610, 5.3900, 5.5400

78246  
607/80-33-3-47/47

AUTHORS: Tibekov, E. Kh., Yametova, R. Sh., Sadykov, A. S.

TITLE: Brief Communications. Polarographic Investigation of Raddeanine, Raddeamine and Alvanine

PERIODICAL: Zhurnal prikladnoy khimii, 1960, Vol 33, Nr 3, pp 751-752 (USSR)

ABSTRACT: Raddeanine ( $C_{24}H_{39}O_2N$ ), raddeamine ( $C_{23}H_{37}O_2N$ ), and alvanine ( $C_{26}H_{43}O_3N$ ), alkaloids extracted from Central Asian Fritillaria Raddeana, were investigated in a model M-8 polarograph at Gorkiy State University. The concentration of raddeanine and raddeamine in the solution, and the values of the diffusion current were directly proportional; hence, the content of the above two alkaloids in solutions can be determined polarographically. There are 4 tables; and 1 Soviet reference.

SUBMITTED: September 9, 1959  
Card 1/1

Country : CZECHOSLOVAKIA H  
 Category : Chemical Technology. Chemical Products (Part 3).  
 Fermentation Industry  
 Abs. Jour. : Ref Zhur-Khim, 1959, No 7, 25117  
 Author : Tibenska, R.  
 Institut. : -  
 Title : Use of Metal Containers with Coatings of Epoxide  
 Resin in Winemaking  
 Orig. Pub. : Kvasny prumysl, 1958, 4, No 9, 205-207  
 Abstract : By means of electrophoresis it was established  
 that polyethylene polyamine, which is added to  
 increase the hardness, separates out of epoxide  
 resin UPON 1200 R. This is probably the reason  
 why the quality of wines is lowered in such con-  
 tainers.-- From the author's resume

Card: 1/1

TIBENSKA, M.

TECHONOLGY

Periodical: KVASNY PRUMSL. Vol. 4, no. 9, Sept 1958

TIBENSKA, M. Fermentation of wine in tanks provided with Upon coating. p. 205

Monthly List of East European Accessions (EEAI) LC, Vol. 3, no. 3.  
March 1959, Uncl.

TIBENSKA, Marta; LISHAKOVA, Erna; BUNTOVA, Ema; BARICA, Stefan

Metabolism of amino acids during the formation of vitamin B12  
by a strain of Actinomyces olivaceus. Biologia 18 no.12:  
928-936 '63.

1. Zentrales Forschungsinstitut für die Nahrungsmittelind-  
ustrie, Zweigstelle in Bratislava.

\*



KOHN, Rudolf, doc., dr. inz., CSc.; TIBENSKY, Vladimir, dr. inz., CSc.

Determination of small quantity hydrochloric acid in presence of polyuronic acids and acid polysaccharides containing carboxyl groups. Chem zvesti 19 no.4:259-271 '65.

1. Institute of Chemistry of the Slovak Academy of Sciences, Bratislava, Dubravska cesta. Submitted September 25, 1964.

IZAKOVIC, V.; SVEC, M.; MURANSKY, J.; TIBENSKY, T.

Giant fetus as an early ("prediabetic") indication of maternal diabetes in the mother. Bratisl. lek. listy 45 no.9:555-560  
15 N '65.

1. Katedra vnutorneho lekarstva Ustavu pre dalsie vzdelavanie lekarov a farmaceutov v Trancine (veduci doc. MUDr. D. Dieska), interne oddelenie Obvodniho ustavu narodniho zdravi v Topolcanoch (viduci primar MUDr. E. Gressner), interne oddelenie Obvodniho ustavu narodniho zdravi v Novych Zamkoch (veduci primar MUDr. R. Suchanek) a interne oddelenie Obvodniho ustavu narodniho zdravi v Trnave (veduci primar MUDr. K. Pronay).

TIBENSKY, V.

Purification of sugar beet juice at reduced temperature.  
Listy cukrovar 80 no.5:110-113 My '64.

1. Institute of Chemistry, Slovak Academy of Sciences,  
Bratislava.

BUNTOVA, Ema; TIBENSKA, Marta; MITTERHAUSZEROVA, Ludmila

A study of the fermentation of lactic acid. Biologia 15 no.5:354-361  
'60. (EEAI 9:11)

1. Ustredny vyskumny ustav potravinarskeho priemyslu, Bratislava.  
(LACTIC ACID)  
(FERMENTATION)

L 10829-66

ACC NR: AP6004440

SOURCE CODE: CZ/0043/65/000/004/0259/0271

AUTHOR: Kohn, Rudolf--Kon, R. (Doctor; Engineer; Candidate of sciences);  
Tibensky, Vladimir--Tibenski, V. (Doctor; Engineer; Candidate of sciences);  
Furda, Ivan (Engineer)

15  
B

ORG: Chemical Institute, Slovak Academy of Sciences, Bratislava (Chemicky ustav Slovenskej akademie vied)

TITLE: Determination of small amounts of HCl in the presence of polyuronic acids and acid polysaccharides containing carboxyl groups

SOURCE: Chemicke zvesti, no. 4, 1965, 259-271

TOPIC TAGS: microchemical analysis, titration, hydrochloric acid, polysaccharide, acrylic plastic, acrylic acid

ABSTRACT: Polymethacrylic acid was used as a model in the study. Potentiometric titration with 0.1 M NaOH showed that it is difficult to determine separate values for HCl and polymethacrylic acid. Total acidity could, however, be determined well, and Cl by precipitation as the Ag salt. The titration can best be conducted in a medium of 1M KCl. The same method can be used for polyuronic acid. In the presence of polysaccharides better results are obtained without the KCl. M. Bystran participated in the experimental part of the work. The preparation of the "Tripektin" was done by the Swedish Joint-Stock Company Sugar Factories, Bi-products Factory, Arlov, Sweden. Orig. art. has: 5 figures and 4 tables. JPRS

SUB CODE: 07 / SUBM DATE: 25Sep64 / ORIG REF: 002 / OTH REF: 017

Card 1/1

Tibensky, V.

Progressive preliminary defecation by the improved method of epuration of sugar-beet juice; semiplant scale experiments. p. 296.

Vol. 9, no. 5, May 1955.  
CHEMICKE ZVESTI

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,  
Sept. 1955, Uncl.

L 7044-66

ACC NR: AP6001099

SOURCE CODE: CZ/0043/65/000/002/0098/0106

AUTHOR: Kohn, R.--Kon, R.; Tibensky, V.--Tibenski, V.

ORG: Chemical Institute of the Slovak Academy of Sciences, Bratislava (Chemicky ustav Slovenskej akademie vied)

TITLE: Determination of carboxylic groups in pectin by the method of precipitation of insoluble pectins and pectinates of copper

SOURCE: Chemické zvesti, no.2, 1965, 98-106

TOPIC TAGS: organic chemistry, copper compound, solution property, analytic chemistry

ABSTRACT: Conditions for the determination of free and of total carboxylic groups of pectin by the precipitation of insoluble pectins and pectinates of copper according to the method of V. Tibensky, J. Rosik, and V. Zitka is discussed. The influence of pH upon the precipitation of these Cu compounds from the point of view of the capacity of these solutions as regulators of the pH, and of their content of the  $\text{HCO}_3^-$  anions is discussed. The  $\text{HCO}_3^-$  anions are formed by carbonization of the alkaline solution during de-esterification of pectin by the influence of atmospheric  $\text{CO}_2$ . The results of measurements at optimum pH are compared to results obtained in the determination of carboxylic groups by acidimetric methods; the results agree within approx.  $\pm 1\%$ .

M. Bystran and A. Fekete collaborated in the experimental part of the work. Orig.

art. has: 1 figure, 5 tables. (JPRS)

SUB CODE: 07 / SUBM DATE: 25Sep64 / ORG REF: 002 / OTH REF: 005

Card 1/1

CZECHOSLOVAKIA / Chemical Technology. Carbohydrates H-26  
and Their Processing.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79235.

Author : Tibensky, V., Kohnova, Z.

Inst : Not given.

Title : The Separation of a Refined Juice During the  
Purification of Beets Juice.

Orig Pub: Chem. zvesti, 1958, 12, No 4, 231-243.

Abstract: A technique for the preliminary purification of the juice is recommended, permitting the separation of the precipitate from a refined juice. A diffusion juice is subjected at 85°C. to a progressive refining with 0.25% CaO, the juice is then saturated to an alkalinity of 0.02% of CaO and is followed by the addition of 0.2% of CaO with a simultaneous purification - saturation. The precipitate thus formed is easily separated

Card 1/2



CZECHOSLOVAKIA / Chemical Technology. Carbohydrates H-26  
and Their Processing.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79235.

Abstract: by decantation and filtration on a vacuum filter. It contains 3 times more organic substances, particularly of a protein nature, and  $P_2O_5$  than the filter-pressed sediment from the first saturation and can be successively utilized as fodder. The juice purified from the sediment has a dark color and contains a large amount of ash. The juice can either be sent directly to a further purification with ionites or be additionally purified by  $CaO$  and  $CO_2$ . The total consumption of calcium carbonate in the last case is 1%.

Card 2/2

TIBENSKY, V.

"Effect of coagulated colloids in sugar-beet juices on the filtrable and sedimentary properties of carbonated-scum particles."

LISTY CUKROVARNICKE, Praha, Czechoslovakia, Vol. 75, No. 1, January 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

TIBENSKY, V.

"Production of honey from melons of Slovak origin." Chemicke Zvesti, Bratislava,  
Vol. 8, No. 2/3, Feb./Mar. 1954, p. 106.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

COUNTRY : Czechoslovakia  
 CATEGORY : Chemical Technology. Chemical Products and Their Applications--Carbohydrates and their processing.  
 ABS. JOUR. : *Živ. chem.*, no. 21 1959, no. 76401  
 AUTHOR : Kohnova, Z. and Tibensky, V.  
 : Not given  
 TITLE : The Effect of Coagulated Colloids in the Beet Juice on the Filtration and Sedimentation Properties of the Pre-Defecation Precipitate  
 ORIG. PUB. : *Listy cukrovarn*, 75, No 1, 6-10 (1959)  
 ABSTRACT : The authors have investigated the peptization of colloids coagulated during the progressive pre-defecation of beet juice, as a function of the pH of the medium and the contact time of the juice with the precipitate, and have studied the effect of the colloids on the properties of the precipitate. The beet juice was treated for 10 min at 85° with milk of lime to an alkalinity of 0.29% CaO (pH 11.15), after which the pH was lowered to 10.6, 9.5, and 8.5 by the addition of

CARD: 1/5

COUNTRY : Czechoslovakia  
 REFNO :  
 ABST. JOUR. : RSKhim., No. 21 1959, No. 76401  
 AUTHOR :  
 INST. :  
 TITLE :  
 ORIG. PUB. :  
 ABSTRACT : 1 N HCl to the juice. The juice samples obtained were filtered after 5 and 60 min contact with the precipitate. The colloid content of the filtrate was determined. Diffuser juice with a colloid content of 2.2-4.9 gme/100 gms sugar was subjected to progressive pre-defecation, saturation with CO<sub>2</sub> to the alkalinity of the second carbonation juice, and the rate of sedimentation and the filtration number (inversely proportional to the rate of filtration)

CARD: 2/5

276

COUNTRY	:	Czechoslovakia	H-26
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 21 1959, No.	76401
AUTHOR	:		
IN	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	<p>were determined. Experiments have shown that in the alkalinity range between the first and second carbonation (pH 10.8-9.2), the precipitate formed from the progressively pre-defecated juice peptizes to a negligible degree. The peptization is more extensive at an alkalinity close to neutral on the phenolphthalein scale; the degree of peptization depends on the contact time of the precipitate with the juice. When the pH of the juice is reduced to the pH of the second</p>	

CARD: 3/5

COUNTRY : Czechoslovakia  
CATEGORY :

ABST. JOUR. : RZKhim., No. 21 1959, No.

76401

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : carbonation juice (9.2-9.4), the precipitate  
peptizes to a smaller extent than at the  
starting pH. It follows that separation of  
the precipitate from juice saturated to a pH  
of 9.2-9.4 gives a greater purification of the  
juice than separation of the precipitate without  
carbonation of the pre-defecated juice. The  
sedimentation of the precipitate in juice satu-  
rated to pH 9.2-9.4 depends on the colloid  
content in the diffusion juice and is independent

CARD: 4/5

277

COUNTRY : Czechoslovakia H-26  
 CATEGORY :  
 Abs. Jour. : AZKhim., No. 21 1959, No. 76401  
 AUTHOR :  
 J. I. :  
 TITLE :

ORIG. PUB. :

ABSTRACT : of the alkalinity of the juice. The filtration characteristics of the juice depend basically on its alkalinity. Good sedimentation of the precipitate is attained at a minimum colloid content in the diffusion juice, and good filtration characteristics are obtained by saturating the pre-defecated juice to an alkalinity of 0.015-0.020% CaO.

Ye. Shnayder

CARD: 5/5



"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001755520014-1

TIBENSKY V

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001755520014-1"

KOHN, R.; TIBENSKY, V.

Contribution to the determination of carboxyl groups of pectin by the method of precipitation of insoluble pectates and pectic substances of copper. Chem zvesti 19 no.2:98-106 '65.

1. Institute of Chemistry of the Slovak Academy of Sciences,  
Bratislava.

TIBENSKY, Vladimir

Alkalinity and peptization in the defecation of sugar beet juices.  
Listy cukrovar 81 no.2:25-30 F '65.

1. Institute of Chemistry of the Slovak Academy of Sciences,  
Bratislava. Submitted December 17, 1964.

Country	: Rumania	E-2
Category	: Analytical Chemistry - Analysis of Inorganic Substances	
Abs. Jour.	: Ref Zhur-Khimiya, No 6, 1959	19082
Author	: Tiberiu, S.	
Institut.	: _____	
Title	: Determination of Sodium in Sea Water	
Orig Pub.	: Bul. Inst. cercetari piscicole, 1957, 16, No 4, 61-64	

Abstract : A method has been worked out for determining Na in sea water, which is based on precipitation of  $\text{Na}^+$  as  $\text{NaZn}(\text{UO}_2)_3(\text{CH}_3\text{COO})_6 \cdot 6\text{H}_2\text{O}$ , dissolution of the precipitate in 10% solution of Na-citrate, and photometry of the resulting solution, using a blue-violet S 43 light-filter. Determination is interfered with by  $\text{Li}^+$ , arsenates, oxalates, and also by large amounts of  $\text{K}^+$  and phosphates. -- A. Smirnov.

Card: 1/1